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L Qiao, K Nahrstedt · Proceedings of the SPIE · historical.ncstrl.org
 ... going through an expensive three-step **decoding**-watermarking-encoding ... to embed watermark into **MPEG audio streams**. ... the scale factors of the **MPEG audio** data, and ...

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D Pan, M Inc, IL Schaumburg · Multimedia, IEEE, 1995 - [ieeexplore.ieee.org](#)
 ... the basics of psychoacoustic modeling and the **methods** the algorithm ... of origin, any fully compl- ant **MPEG/audio** decoder will be able to **decode** any **MPEG** ...

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[Error-resilient video coding in the ISO MPEG-4 standard](#) - [all 4 versions »](#)

R Talluri, TI Inc · Communications Magazine, IEEE, 1998 - [ieeexplore.ieee.org](#)
 ... Some data recovery techniques such as reversible **decoding** enable the ... tems part, which describes how the **audio**, video, text ... **MPEG-4** provides a similar method of ...

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[Fast requantization apparatus and method for MPEG audio decoding](#) - [all 3 versions »](#)

G Hong · US Patent 5,893,066, 1999 - [freepatentsonline.com](#)
 ... Title: Fast requantization apparatus and **method for MPEG audio decoding**.
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G Maturi, G Dierke · US Patent 5,588,029, 1996 - [freepatentsonline.com](#)
 ... need in the art for a **method** of synchronizing ... repeat the subframe if the predetermined **decoding** time is ... A typical **MPEG audio** frame includes 12 subframes, such ...

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[MPEG decoding system including tag list for associating presentation time stamps with encoded data ...](#) - [all 3 versions »](#)

G Maturi, DR Auld, D Neuman · US Patent 5,559,999, 1996 - [freepatentsonline.com](#)
 ... system for a Motion Picture Experts Group (**MPEG**) multiplexed **audio/video** ... a decoder, and an **audio/audio decoding** synchronization **method** that is ...

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[Synchronization of audio/video information](#) - [all 3 versions »](#)

US Patent 5,396,497, 1995 - [freepatentsonline.com](#)
 ... According to ISO's **MPEG 1** system standard (which is ... unit header (ie frame header or **audio** unit header ... In, for example, non-locked **decoding** systems, some **method** ...

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[Method and apparatus for audio and video synchronizing in MPEG playback systems](#) - [all 7 versions »](#)

MA Rosenau, D Sartain, DT Daum, JG Ort... · US Patent 5,598,352, 1997 - [freepatentsonline.com](#)

... N-bytes of packet data 173 may represent **audio** or video ... encoding **method** such as **MPEG I, MPEG II**, or ... a presentation time stamp (PTS) with a **decoding** time stamp ...

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Robust audio watermarking in the time domain - [all 10 versions »](#)

P Bassia, I Pitas, N Nikolaidis - **Multimedia**, IEEE Transactions on, 2001 - [ieeexplore.ieee.org](#)

... to test the robustness of our **method** to common ... Layers II and III of the **MPEG2 audio** compression standard ... The watermark resists the encoding-**decoding** process as ...

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A fast audio classification from MPEG coded data - [all 3 versions »](#)

Y Nakajima, Y Lu, M Sugano, A Yoneyama, H ... - **Acoustics, Speech, and Signal Processing**, 1999, ICASSP'99. ..., 1999 - [ieeexplore.ieee.org](#)

... we describe a fast and accurate **audio** data classification **method** on **MPEG** ... As for the detection speed, less than 20% of **MPEG audio decoding** processing power is ...

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V Bhaskaran, K Konstantinides · 1997 · [books.google.com](#)

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... Separable spatial **sub-band** techniques were first applied to images by Woods [15].

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... in temporal-axis block transform **coding**: (a) Homogeneous ... the explanations about motion-compensated **subband** analysis and ... component c, with column, **row** and frame ...

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... of a matrix **A** in the r th **row** and k th ... where features are detected from the **subband** signals. ... In a speech **coding** application, for example, the computation of ...

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... reconstruction, filter design that is tailored for image **coding** and perceptual ... 3.

Template for **subband** display ... image sequence in the i th frame, i th **row**, and j th ...

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Truncated subband coding of images - [all 3 versions »](#)

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... decoder apparatus for decoding a sixteen-**subband coding** of image ... Woods and O'Neil tree **coding** apparatus, exist ... spatial-filtering kernels in the **row** and column ...

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A stability criterion for biorthogonal wavelet bases and their related subband coding scheme - [all 3 versions »](#)

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... where $R(\cdot)$ represents a unitary hierarchical **subband** transform- mation (eg, [4 ... 2, j) . For the purpose of **coding**, we assume that ... BIT ROW sim llllllllllll msb ...

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... hasis for most of the **sub- band image coding** ... system contribute more perceptibly to **coding** distortion. ... approach to splitting and merging **subband** images results ...

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